Philips
TV

27"
HDTV monitor

27PT8420

Turn up your viewing experience

with HDTV monitor

With a connection to a set-top box, this TV brings you pictures so real, it's like being there. Now you can enjoy the cinematic experience in the comfort of your own living room.

Vivid, natural and razor sharp images

- HDTV Monitor for the highest quality display of HDTV signals
- Progressive Scan component video for optimized image quality
- 3:2 Pulldown eliminates artefacts when watching movies
- 3D combfilter separates colors for a razor-sharp image
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

One touch convenience

- Auto Picture to personalize your viewing
- Auto Sound uses pre-defined sound settings for better sound

Leading interface for digital quality audio/video

- Side stereo AV & headphone jacks
- HDMI input for full digital HD connection in one cable
- Component Video Input for top quality playback

PHILIPS
sense and simplicity

Highlights

HDTV Monitor
HDTV is the latest and best television signal available. It produces picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity

3:2 Pulldown
3:2 Pulldown totally eliminates the unwanted artefacts that distort your picture viewing when watching movies. With these artefacts gone, you will enjoy the movie the way it is meant to be.

3D Combfilter
The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

Active Control + Light Sensor
Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

Virtual Dolby Surround
Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Component Video Input (YPbPr)
Component Video is the highest quality interconnection standard for analog video. It is sharper than S-video and composite video.

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Specifications

Picture/Display
- Aspect ratio: 4:3
- Diagonal screen size: 29 inch / 72 cm
- Visible diagonal screen size: 27 cm
- Display screen type: Real Flat picture tube
- Picture enhancement: Progressive Scan, Scavem, 3D Combfilter, Active Control + Light sensor, 3:2 pull-down, AutoPicture (5 modes), Black stretch, Blue stretch, Color Transient Improvement, Dynamic Noise Reduction, Green enhancement, Luminance Transient Improver, Tint
- Picture processing: Progressive Scan

Supported Display Resolution
- Video formats

Resolution	Refresh rate
480p	60Hz
1080i	60Hz

Sound
- Sound Enhancement: Auto Volume Leveller, AutoSound (4 modes)
- Sound System: Virtual Dolby Surround, Stereo
- Output power (RMS): 2 x 10W
- Music Power: 20 W W

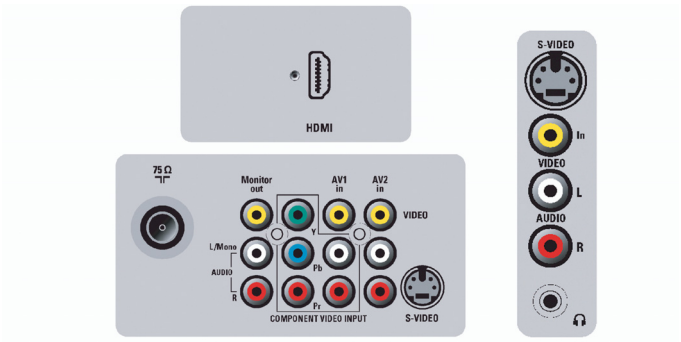
Convenience
- Ease of Installation: Autostore, Fine Tuning, Auto Volume Leveler
- Remote control type: RCLU012
- Teletext: Closed Captioning
- Remote Control: TV, VCR
- Screen Format Adjustments: 4:3, 16:9 compress
- Clock: On/Off event timer, Sleep Timer
- On-Screen Display languages: American, French, Spanish

Tuner/Reception/Transmission
- TV system: NTSC
- Video Playback: NTSC
- Stereo System: BTSC

Connectivity
- AV 1: CVBS in, CVI
- AV 2: CVBS, S-Video
- AV 3: HDMI
- Front / Side connections: CVBS in, Headphone out, S-video in

Power
- Power consumption: 130 W
- Standby power consumption: < 1W
- Mains power: AC 90-140V, 60Hz

Dimensions
- Box dimensions (W x H x D): 820 x 664 x 575 mm
- Weight incl. Packaging: 47 kg
- Set dimensions (W x H x D): 755 x 578 x 493 mm
- Set weight: 43 kg
- Color cabinet: Silver Frost



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